PATENT APPLICATION FEE DETERMINATION RECO							Application of Docket Number				
Effective October 1, 1997							. 08/972.781				
CLAIMS AS FILED - PART I (Column 1) (Column 2)						SM/	LL ENTITY	OR	OTHER SMALL		
FOR		NUMBE	R FILED	NUMBER	NUMBER EXTRA		FEE		RATE	FEE	
BASIC FEE							395.00	OR		790.00	
TOTAL CLAIMS			14 minus	20 = *	9	x\$11	=	OR	x\$22=		
INDEPENDENT CLAIMS		ums	2 minu	83= *	9	x41:		OR	x82=		
MULTIPLE DEPENDENT CLAIM PRESENT				Ĺ			=	OR	+270=		
* If the difference in column 1 is less than zero, enter 10 in column 2  BEST AVAILABLE COPYOTAL  OR 1270=									740.		
CLAIMS AS AMENDED - PART II OTHER THAN										R THAN	
(Column 1)			Inches and the same	(Column 2) (Column 3)		SM	ALL ENTITY	OR		ENTITY	
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	• 16	Minus	•• 2.0	= /	x\$11	= /	OR	x\$22=		
MEN	Independent	• 3	Minus	ر •••	= /	x41:	= /	OR	x82=		
₹	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				LAIM /	+135	= /	OR	+270=/		
	(Out we Out to Out O						AL /	OR	TOTAL ADDIT. FEE		
	B. 72. 9. 9. 9.	(Column 1)		(Column 2)	(Column 3)		<del>-7</del>		/		
AMENDMENT B		REMAINING AFTER AMENDMENT		NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	• 19	Minus	20	=	x\$11	= /	OR	x\$22=	/	
	Independent	٠ (	Minus	*** 3	= 3	x41	= /	OR	x8,2=		
٧	FIRST PRESENTATION OF MULTIPLE D			DEPENDENT C	LAIM	+135	j= /	OR	+270=		
	(Column 1) (Column 2) (Column 3)					TO ADDIT. F		OR	TOTAL ADDIT. FEE	/	
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	• 19	Minus	20	=	x\$11	= /	OR	x\$22=		
	Independent	• 6	Minus	6	= /	x41	= /	OR	x82=		
٧	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+135	i= / ·	OR	+270=	/	
"If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ""If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.											



## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**Douglas Caraway** 

Serial No.: 08/972,781

Confirmation No.: 6016

Filed:

November 18, 1997

For:

Rotary Drill Bit For Casing

Milling And Formation Drilling

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 3672

Examiner:

Hoang C. Dang

Customer No.: 36735

RECEIVED

JUN 0 2 2004

GROUP 3600

CERTIFICATE OF MAILING

37 CFR 1.8

I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Pox 1450, Alexandria, VA 22313-1450 on

William B. Patterson Typed Name Childre 15/11/11

## **RESPONSE TO OFFICE ACTION DATED JANUARY 20, 2004**

In response to the Office Action dated January 20, 2004, having a shortened statutory period for response extended one month set to expire on May 20, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. The Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0409/WBP the fee of \$172.00 for 2 additional independent claims, along with any other fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks/Arguments begin on page 5 of this paper.

08/01/2005 EDANTZLE 00000010 200782 08972781

01 FC:1201

258.00 DA

detailed discussion of the secondary references is not necessary for a full and complete response to this office action.

Having addressed all issues set out in the office action, Applicant respectfully submits that the claims are in condition for allowance and respectfully request that the claims be allowed.

Respectfully submitted,

William B. Patterson

Registration No. 34,102

MOSER, PATTERSON & SHERIDAN, L.L.P.

3040 Post Oak Blvd. Suite 1500

Houston, TX 77056

Telephone: (713) 623-4844 Facsimile: (713) 623-4846

Attorney for Applicant